

**QP CODE:201326**

**Reg.No: .....**

Second Year Pharm D Degree Examinations - November 2013

**Pathophysiology**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Define cell injury and explain different types and its pathogenesis.
2. Discuss the pathogenesis and associated complications of diabetes.
3. Define hypersensitivity. List out the types and discuss any two in detail.

**Short notes**

**(8x5=40)**

4. Explain the pathogenesis of hypertension.
5. Malaria.
6. Discuss the pathogenesis of chronic renal failure.
7. Differentiate between benign and malignant tumors.
8. Protein calorie malnutrition.
9. Discuss the pathogenesis of acute inflammation.
10. Discuss the mechanism of rejection of allograft.
11. Discuss the cause, mode of spread and clinical presentation of leprosy.

\*\*\*\*\*